

REMARKS

Claims 11-30 are pending. Claims 11, 12, 16-19, 22, 23 and 25 have been amended.

Claim 11-30 have been rejected under 35 U.S.C. 102(b) as being anticipated by Cheswick.

The claims have been amended to more clearly define the claimed invention.

In particular, claim 11 recites a system for protecting a computer device from unauthorized access, said protecting system being external with respect to the computer device and being connectable to a source of data to be provided to said computer device, said protecting system comprising:

a controller for processing said data to produce graphic information representing said data, the graphic information being produced in a graphic format inside said protecting system, and

an output buffer providing a path for transferring the graphic information to a monitor.

Hence, independent claim 11 stresses that the data received by the protecting system from the source of data, is processed in the protecting system to produce graphic information in a graphic format. Also, the claim specifies that the graphic information is produced inside the protecting system.

For example, as recited in dependent claim 12, the graphic information may be formed of a pixel pattern displayable by a monitor controllable by said computer device.

As one skilled in the art would realize, information in a graphic format is free from malware. Inasmuch as only graphic information is being transferred from the protecting system to the computer device being protected, no malware may be transferred to the computer device.

It is noted that the Examiner interpreted the web browser of Cheswick as a system for producing graphic information. However, the web browser is in the computer being protected, not in the protecting system. Moreover, the web browser does not produce data in a graphic format or data formed of a pixel pattern.

As non-graphic data from the protection device of Cheswick is being transferred to the protected computer device, malware (not detected by firewall of Cheswick) may be transferred to the protected device.

The amended claims 14 and 15 recites that the controller is configured for receiving instructions from an input device of said computer device, and that an input buffer is connected to the input device, and is responsive to the instructions from the input device for supplying the controller with a driving signal.

By contrast, Cheswick discloses that the data to the processor (205) of the protection device is transferred from the computer device being protected. Therefore, malware planted in the computer device (being protected) may compromise operation of the Cheswick's protection device.

Further, the amended claim 16 specifies that the input buffer responsive to the instructions from the input device for supplying the controller with a driving signal is arranged separately from the output buffer that provides a path for transferring the graphic information to a monitor.

By contrast, Cheswick uses the same buffer (210) for transferring both information to the processor of the protection device and from this processor. As a result, malware in the received data via the common buffer planted in the computer device (being protected) may influence operation of the Cheswick's processor.

Further, claim 19 has been amended to recite that the claimed controller is configured for replacing a name extension of a program file received from the source of data with another name extension.

Cheswick does not teach or suggest this feature.

Independent method claim 11 recites a method of preventing unauthorized access to a computer device using a protection device external with respect to the computer device, the method comprising the steps of:

preventing data to be provided to the computer device from being supplied to the computer device,

supplying said data to the protection device, and

processing said supplied data to produce, inside the protection device, graphic information in a graphic format for supplying to a monitor.

As discussed above, Cheswick does not teach or suggest producing, inside the protection device, graphic information in a graphic format for supplying to a monitor.

Dependent claim 25, as amended, specifies that the instructions from the input device to the protection device are transferred via a path provided by an input buffer separate from an output buffer that provides a path for transferring the graphic information from the protection device to the monitor.

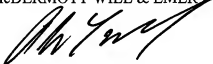
As demonstrated above, Cheswick does not teach or suggest this feature.

In view of the foregoing, and in summary, claims 11-30 are considered to be in condition for allowance. Favorable reconsideration of this application, as amended, is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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